

Iowa Crops & Weather



Iowa Agricultural Statistics
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For the week ending May 16, 2004

Rains Contributed to Crop Progression

Agricultural Summary: Rains last week contributed to the progress of oats, corn, and soybean emergence despite cool temperatures through most of Iowa. Ponding was reported in isolated areas. Despite wet conditions, soybean plantings continued at an accelerated rate. Frost damage was reported in northern areas.

There were 3.5 **days suitable for fieldwork**, compared to 6.0 days the previous week and 1.9 days last year at this time. **Topsoil moisture** rated 2 percent very short, 12 percent short, 78 percent adequate, and 8 percent surplus across Iowa. **Subsoil moisture** rated 4 percent very short, 23 percent short, 69 percent adequate, and 4 percent surplus.

Field Crops Report: **Oat emergence** was 98 percent, compared to 93 percent last week and ahead of the 5-year average of 94 percent. **Oat condition** was rated 4 percent poor, 19 percent fair, 61 percent good, and 16 percent excellent. **Corn planting** was 98 percent, compared to 94 percent the previous week and 13 days ahead of the 5-year average of 85 percent. **Corn emergence** was 73 percent, compared to 36 percent last week and 8 days ahead of the 5-year average of 43 percent. **Corn condition** was rated 1 percent very poor, 3 percent very poor, 22 percent fair, 61 percent good, and 13 percent excellent. **Soybean planting** was 76 percent, compared to 51 percent the previous week, and 11 days ahead of the 5-year average of 39 percent. **Soybean emergence** was at 22 percent, compared to 4 percent the previous week, and ahead of the 5-year average of 11 percent. **Primary seedbed preparations** were 97 percent complete.

Livestock, Pasture and Range Report: Livestock conditions were reported as good, with no major problems noted. **Pasture and**

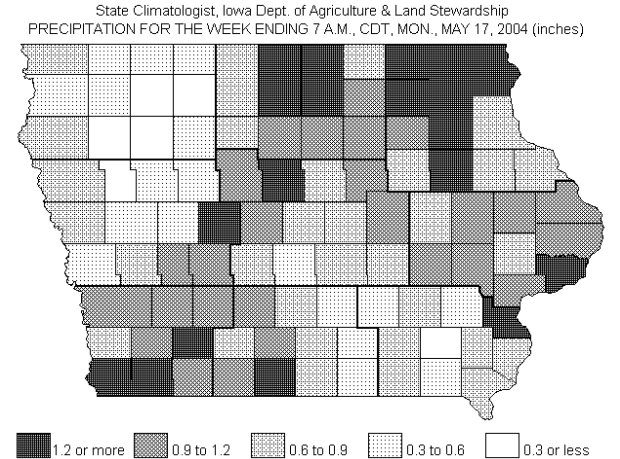
range condition improved from last week and rated 1 percent very poor, 8 percent poor, 29 percent fair, 49 percent good, and 13 percent excellent.

Iowa Weather Summary

The past work week began with above normal temperatures with highs mostly in the 70's on Monday (10th) and 80's on Tuesday (11th). Spencer reported the highest temperature for the week with 88 degrees on Tuesday. Sharply colder weather moved into western Iowa on Wednesday (12th) with highs in the low 60's northwest while temperatures in the low 80's persisted in the southeast. On Thursday (13th), daytime highs were only in the mid 40's over western Iowa while readings in the mid 70's hung on in the far east. A freeze was recorded in a small part of northwest Iowa on Friday (14th) morning with 30 degrees at Sibley while scattered frost was reported nearly statewide on Saturday (15th) morning with a low of 29 degrees at Cresco. Highs on Friday were in the 50's and climbed to the 60's on Saturday and 70's on Sunday. Temperatures for the week as a whole averaged from 2.6 degrees above normal at the Quad Cities to 2.4 degrees subnormal at Sioux City. The statewide average temperature for the week was 0.1 degrees below normal.

Thunderstorms were scattered across the southeast one-half of Iowa on Monday (10th) with showers and thunderstorms statewide on Wednesday (12th) and Thursday (13th). Light rain fell across eastern Iowa on Friday (14th) morning with thunderstorms scattered across the northwest one-half of the state on Sunday (16th) night into Monday (17th) morning. Rainfall totals for the week varied from 0.21 inches at Storm Lake to 2.25 inches at Stanley in Buchanan County. The statewide average precipitation was 0.87 inches or just slightly less than the weekly normal of 0.94 inches.

Statewide Crop Conditions as of May 16, 2004					
Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	1	3	22	61	13
Oats	0	4	19	61	16
Range & Pasture	1	8	29	49	13



Field Work and Crop Progress as of May 16, 2004													
Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent				
Corn emerged	74	78	56	70	74	80	79	79	79	73	36	31	43
Soybeans planted	84	81	58	69	84	74	75	73	77	76	51	15	39
Soybeans emerged	14	22	11	20	22	28	29	39	37	22	4	1	11

Days Suitable & Soil Moisture Condition as of May 16, 2004													
Item	Districts									State	Last Week	Last Year	
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
	4.5	3.2	2.6	3.7	3.5	3.1	2.9	3.0	4.4	3.5	6.0	1.9	
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
	Very short	7	0	1	1	3	0	0	4	1	2	5	0
	Short	20	7	5	14	12	6	2	11	34	12	25	0
	Adequate	72	86	77	79	73	91	88	76	57	78	68	60
	Surplus	1	7	17	6	12	3	10	9	8	8	2	40
Subsoil moisture	Very short	10	8	2	3	4	1	0	5	5	4	5	2
	Short	28	18	24	20	19	6	21	23	48	23	24	7
	Adequate	61	69	64	74	74	89	76	64	45	69	69	68
	Surplus	1	5	10	3	3	4	3	8	2	4	2	22

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, May 16, 2004										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	89	30	57	-1	0.38	-0.33	2.11	-2.33	69	11
	88	31	59	-2	0.48	-0.26	3.09	-1.00	72	0
	90	31	59	2	0.25	-0.55	2.18	-2.34	80	17
	83	32	55	-3	0.52	-0.15	2.29	-1.67	58	-21
Britt Humboldt Mason City Northwood	North Central District									
	85	33	56	-4	0.11	-0.66	2.62	-2.19	64	-7
	82	35	58	-3	0.84	0.01	4.04	-0.84	70	5
	84	31	58	0	1.64	0.73	5.64	0.64	70	8
	84	32	56	-3	1.64	0.81	4.13	-0.71	61	-2
Decorah Dubuque Elkader Independence Waterloo	North East District									
	84	31	60	1	2.21	1.37	4.75	-0.61	75	6
	84	33	61	4	0.62	-0.36	2.02	-3.89	88	27
	84	34	59	2	0.84	-0.06	3.25	-1.97	73	-10
	84	33	59	2	2.08	1.20	3.42	-1.92	73	-13
Waterloo Decorah Dubuque Elkader Independence Waterloo	84	32	61	2	0.57	-0.34	2.26	-3.12	83	13
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	80	33	58	-4	1.11	0.13	4.97	-0.49	72	-9
	82	32	57	-3	1.12	0.16	3.84	-1.62	68	-2
	85	32	57	-4	0.75	-0.18	2.81	-1.98	68	-2
	81	31	58	-3	1.41	0.48	5.85	0.50	72	-1
	83	33	58	-4	0.77	-0.21	3.30	-1.97	70	-7
	82	35	58	-3	1.63	0.67	4.81	-0.65	68	-2
	86	33	59	-3	0.59	-0.43	1.79	-3.40	81	-1
	83	33	57	-4	0.41	-0.50	2.91	-1.92	67	-10
	91	33	58	-3	0.78	-0.05	2.20	-1.96	71	-8
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	82	33	60	2	0.72	-0.24	3.25	-2.24	79	12
	82	32	58	-3	1.02	0.05	3.99	-1.51	72	-1
	81	37	61	-2	0.59	-0.20	4.16	-0.99	85	1
	84	36	59	-1	0.96	0.05	3.34	-1.83	74	4
	83	32	60	2	0.70	-0.18	3.30	-1.88	80	12
	83	36	60	-2	0.41	-0.53	4.40	-0.97	77	-1
	81	34	58	-2	0.79	-0.14	4.11	-1.11	71	-1
	85	34	59	2	1.04	0.06	2.30	-3.17	72	8
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	86	35	63	3	1.19	0.37	2.91	-2.10	95	20
	86	36	64	3	1.09	0.27	3.70	-1.37	102	23
	87	35	64	2	0.51	-0.40	2.87	-2.91	103	16
	88	33	62	3	0.81	-0.10	3.13	-2.72	93	18
	86	33	61	3	0.90	0.06	2.88	-2.18	87	23
	85	40	64	3	0.84	-0.04	3.44	-2.03	97	32
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	82	35	59	-3	1.85	0.80	4.07	-1.68	79	-3
	85	36	60	-2	0.92	-0.15	3.13	-2.20	83	-1
	82	35	58	-3	1.52	0.62	4.95	-0.02	71	-4
	83	35	60	-3	1.09	0.11	3.05	-2.63	81	-8
	84	37	59	-4	1.35	0.38	4.16	-1.17	77	-14
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	80	36	59	-2	0.81	-0.10	2.10	-3.30	71	19
	80	38	59	-2	1.08	0.18	3.50	-1.79	72	-3
	81	31	60	-1	0.66	-0.25	2.33	-3.22	75	0
	80	34	59	-2	0.66	-0.25	3.73	-1.96	76	-1
	87	33	61	0	1.61	0.63	3.84	-1.95	80	3
Bloomfield Burlington Ottumwa	South East District									
	82	37	61	-2	0.74	-0.22	2.66	-3.01	81	-5
	86	40	66	5	1.00	0.16	3.52	-1.90	115	31
	84	35	62	-1	0.54	-0.37	1.60	-3.74	86	0

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2004: AWIS, Inc. All Rights Reserved.